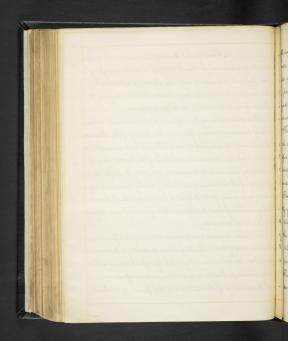
Inaugural Difsertation Mydrothorax; Submitted to the examination of the Professor of the University of Pennsylvania, for the Degree Doctor of Medicine Phocion F. Lewis, Delaware. Jung. 25. 1827 .. e un 10年 . 41 f Was hay he 过 版 horas -67 . 4 A law of this University reasens it obligatory in all candidated for the Doctorate to write an office for the Doctorate to write an office for for free fully as former of Moralaint. In compliance with this sequisition I have proceed to for a few observations on Hoydrotheras.

This disease may be defined a preternatural collection of serous or waterry flux in the Cauchy of the Moraco. It is a well known fact to surry Physiologist, and Indoment, that in a matural emotion of the bystem there is constantly power and a quantity of watery kniss for the purpose of bubication, into eating containing viztion, and every part subject to motion in the human body, enabling them to perform their functions in a perfect and healthy manner.

th order, to prouch an accumulation of this flexish and it will consequenced, the same stems endante, to be removed, how after, its exhabition, by a set of celesto termed observants, which in health, answer, this purpose effectually. I through the cristians of the flexish, I through the sent the purpose of the flexish.



inflicient for my present purposes of therefore draw it encues for to cates into a discussion to prove whether this finish is present by a let of affects corner contained by a let of affects corner contained, a consisting to the transfer the foreign according to the transfer of arteries, according to the transfer Mylistogist, Pitcherands.— as to determine whether these contained arteries, and the transfer are minutes consensued of structures.

The fundamy of three refrees are as meespary to perfect health as the exercise of any other functions in the Manan heavy - or to brank in the words of the lamentest Rush , perfect health-tricing in the storife between those respect and as doon as an

ermstice takes place between them disease occurs.

From these remarks it must be derivery that if the greatley of direct fruit present out in any part be greater than the alisorbents can remove a morbid extension arrivery. Are if the amount pained out he magnester than adual, and the absorbants do not perform their duty, it is plain that m accumulation must also follow.

Thus the deserve forms of Doopsey, one of which is under conduration, may be occasioned either by a defect of disorp-

la is 0 8 15 A king 0 (6) b lat 5 162 Cat fi go Fan xl is the Make P 25 the pro tion or increased and acases. The lattery human of conceine to be in a majority of cases the Broadwate cause of Brophey, and be which of better things confine the observations of design making on the Inlight of this effacy.

Dephrotherwa may be divided into demplorates and Scientific, proceeding from a local or governo cause, and like other forms of Diophy may occur in two obtains of

the Lystom Tanie and atonic.

Cheerased enhancition forming a collection of evater in the Thorax, is agreement in the Cheek, and thes state, according to the diagrae of it, may produce lifewart occulte when of a high diagrae, congulates lymph is known ant - title higher, a devocion of pull and that distribute produced an efficient of brown is of the leavest good of inflammation.

The inflammation terminating in a decretion of docum may arise from particular diseasely enither the Cheek, as objection of the belief of the brack, Cosonary neglect, as of the large adjacent reflets, ancurismae turnous, the

din , let l kr.b - da ( - 200 - die P Sin 0 6 N tal AR A D . 100 - 44

Dropsey of the Stheet may be independent of the produce of any arganic disease creating an excitencent prenties to the secretion of densem, as inflammation from Cold, frequent attacks of Atthona and Balanch, midplacew Ganh, Dysphesia, 43. or thank the trace of inflammation set be early enough for duldwing a high state of inflammation set be early enough complessed, is in an inflafficient degree, a busy or choosing from of inflammation may remain and produce an aqueous of precious, or as an effect of the higher of actional took the surface of the higher of

In addition to these ardinary exercing Causes of the inflamnation functionable to the production of housen - there is a ledin congestion or photocoic state of the directation brought on in particular habits - by insurging in the pleasures of he tales, and lettle exercises, which prevailing in the Cheekmay occasion an excitoment in the server tiping of the Cheekbras to produce an assummentation of known flicture.

I have daid this distant may be found in an other state of the byttem - and here of presume an incressed equeion arises from a selected efficient of the

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cahalant proceeding from a weak morbid action of the heart and arteries .

On terminan with other forms of Dropey, Hydrotherase many he aming to a defect of alresphere. It some vision also to conclude that a certain degree of lone as acturity of the absorbents is presificult the perfect performmen of their duty, and that their particulation should be debroyed by the form delictating causes that presents a lasting of the exhalants.

Strom these remarks on the causes of Mayarchoran of proceed to the Consideration of the Symphomed aciding from the profuse of the touter upon the hectar cropus Conlamed in the Cohest, producing a disturbinal homeofunctured of these of these selate as a contend by Southern.

Maydoothorax frequently lowed on with a sense of amounty about the bown part of the Stronum! This before it was bully estimate with some difficulty of bushing which at first appears only upon the person's with my apon an acclustly or upon his ascending a stair own.

au. le to 16.0 til lk. 1 die 4 /62 600 . 126 0 40 0 1/11 11 40 - de

but after done time this defficiently of breathing becomes more constant and considerable, especially during the night when the body is in a horizontal porture.

Commonly at the dame line lying upon view is more easy than upon the other, or perhaps lying upon the back more very than upon either dide. These circumstances are usually after deal will a frequent lough, that is at first day; but which after some time is accompanied with an expedication of their musered. There is at the same time an external will ing of the face, and extended of the face and every of the face, and

"boon after the patient faces address he is pensioney a waked with a dense of anxiety and difference of breathing, and without which a history pathitation of the heart. These feelings momentation of necessary momentation of necessary languages are severe for the product of necessary large production of necessary large productions of necessary large production of necessary large productions of necessary large

This disease bears some analogy to other affections

1630 E . day 184 100 A REAL 1 49.2 - 8/2 - 6.50 k. 0 (41) N kel - 4 E Par to mis of the board, but may in most cases be sistinguished by proper attention to the dynaptomy characteristic of these affections.

The following test are related by Bichet and bonisant. The first teles as that profuse on the abdonier weerakes the dense of Sufficiation and other had symptomed of My drotheraw; and the latter Says that by placing the patient in an exect posture and their droking one dide of the Chesh, while the hand is placed on the other we may asserted clearly the accumulation of water by the sense. I would further which this process imparts.

of the function coned be their agrendances it certain by ments be a decedence text of this forminable distance but from the possibility formation of the chief of these think it extremely difficult to discours, the presence of toater highlines and lest in Assetzy—the solute and thost interceptations about lest in Assetzy—the solute itself authorized as we not allowing the toater be coloured itself authorized any fluctuation; but that the patient on asseting from one dide to the other may fee the denotion



as if water was contained in the Chest can more headily be conceived.

The patient being decadent, are used from their buy a sense of sufficiency of has been considered by Baglines, blacked I star . The manuel and other respectable authors, as a cotain Dingnostic of the presence of water in the Chest. And So. Jacoba. Vicasius hatimed he could stucer, Just Merg again; that from this symptom in particular, the patient laboured under Dropery of the Thorne; yet as the post Merlem communication of the thorne of a patient who become the star of second with the least dracken of second fund it in a segment for found not the least dracken of second fund it in a segment of second fund it in a segmentary month of second fund without it has left or night cauting; an which he cried out full of wonder. Oh how fallacious sometimes are Diagnoster

It is continued by others that this deposition is domained observed to altered disporters unaccompanied by broad effection, and therefore no reliance is to be placed on it alone, but when Johnson with other by network which in di-



- oute the presence of water in the breet points and with non tertainty the nature of the disease.

Maelean says, when respiration is considerably imped. ed, especially on motion, in a horizontal posture, or on aseending an acclinity; when the countenance is at the same time pale and Sallow, assumed a leaden ar lived hue; the wine small in quantity, high Coloured, and on Cooling deposits a neddish or pink coloured Sediment; pulse irregular or intermittent; the feet ankley, or hands dwell and are Edder than Material; and the patient is Suddenly rous. ed from bleep by a sense of suffication or extreme amplety about the precordia, attended with palfectation - the most superficial observer will have no doubt of the presence of watery fluid in some of the Carities of the Thorax. The diseases with which Herydrothorax is likely to be con funded are Compyena, Asthma, organic affections of the heart, or answerismal delitations of the large Neeffeld Connected with it.

It is but reasonable to admit that some of the symp.



toms succeeding an accumulation of water in the bhest, as difficulty of breathing, Ordenatous feet, Searchy of wine, and sident fratfilation arousing the patient during sleep, may also arise from a collection of puls in the same cavity. But the latter, may be distinguished by its being preceded by the ordinary Symptoms of Pleurisy or Incumonic inflammation receding without the signs of pesolation, but with those of Supperation, such as a remission or explation of acute pain and fever, and their degenerating into a dule obtuse sensation, occasional rigors followed by heat, and a Copious whitesh or reddish Sediment in the wrine, and the absence of other Doopsieae Symptoms which arise from these acute affections terminating in serous effusion, its being accompanied with hectic hymptony, and particularby an attentive observance to the Circumstances which

From abothers it may be testinguished by the sespionation in its thing being performed with a peculiar teheozing soise, and not so guist and hurried as in Mydrothers.



and the desirtues acraft the breast being greater, and from its returning in Parvayang alunair with a dry cough, and continuing for a certain time going of gradualty, or with inside value while undervalue, with four expederation and profile perfection.

Anunismat ditilations of the large refered may the heart forestment occasion many of the dynaters of Elyphon-thorax, beet a free and throbing in the feet and direction from of the large driving increased by Earted which received the through direction of the Blove may done to disting

quick it from this disease.

Polysarcia may gim file to form of the dynglood of Mydoothoras, especially difficults beathing, patfeit alson and the budden Masteng up from obserp anding from a wantily of fat duracinating the Mark and cookaguestly impeding its free action. If there is no diminutes in the wantity of wring, he isterned dropping bushing and other budges of droppery, the increased but of the body many in-liest the sear hatune of these degraphend.



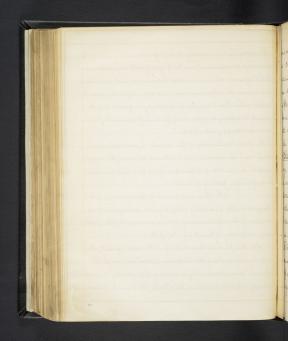
Bysisehoras scentionally said in general droppy, and it is builtimed accompanies from the hequing with unwelled anophy, but in general the accumulation increased to such an amount as to sender, the aespiration more and more difficulty until the retire of the Mark and singly is entirely impressed, and the paring is destroopy in destroopy in a description of the Mark and singly from Information, he for muricular droply totals place.

The face termination of this detease is fountimed insum, which somey be accommon for , whom we consider the organish affective, and in others is precided for a few daily precident

to death by a Spitting of blood . -

I shale new process to the treatment of this complaint. The first thing that requires accordion is the returble on of the inflammatumy action, indicated by the pulse, pain, difficulty of bountary, laugh so.

For this purpose bloodletting is the most efficient, it sets by diminishing the reascution action from which the fusion tensactives, and by increasing the actuarty of the about it. But as montened by Loome the facts is the said



uems notine wine wence indicate the left of more blood, therefore this Consumptance alone should not determine the necessity of continuing the hancel; other, connected circumstances of the

lase Should be taken into ricer.

After the est of the lances the application of enps to the thoray is present must bey Agra, and may be resented to with teletity; they are soine to be more beneficial when applicate to the back or shoulders.

Editation of the dama time decorps is had to their divaris, a long blistar is to be applied brad to cover the tobal Check and the adjectantion of some deinnecting without, as the Geratum believe, or teratum bankhasidum; or the occurs of the beitter as door as it hegind to have a little as door as it hegind to have a little and door as it hegind to have a little and their are trustically a file of the section of the section

Discretees. There are important, remedied, and after the nauction of inflammatory action are need to be admiristance. Of this class the following are the most, useful, only Squilly, digitates, barchanises, bedebleum, nitrate and defer-

3 11 400 Edin 1 a d the sta · Li 4 1 -tartrate of Potash.

The princer and reinignor of dquills once held in high tetination by Talen and Medius and others of the unsents in Megarothorax, and their heinig in use from those periods to the present day, present strong proofs of their duperion witness. Its feeling headers at durantic properties, those of an expression, witherest its durantic properties, those

When combined with bestoned in the fallowing propor

tions its effects are more beneficial.

A Squill pulo. grs ij ar ij lealomel " j

which is to be Made into a pile and given Morning and awning. Showed an under program follow the use of this toutenation it may be nestrained by the advection of a back quantity of appearance, Bygalian needpanly follows the out of this continuation. When the cade is not wisland the spile may be given by ity self.

Digitales. This remedy is lightly spoken of by some while others speak highly of its wirtues in Hoydrothoran.

a l di 1 a 100 - 22 It is in the Utonio chate of the hystem that it is useful. banthavided. In combination with Squille, as in the following formula, this article is precommended by Goot church of Wale Gatege, in this species of Bropsey.

Of Squites Dj. bancharides gr. V to X

loastile doap 3j m and make the map into ten fills, one of which is to be given morning and beging.

bolchicum hietum nale. This article was at one period held in high estimation, especially the very met, but like many other anteces of the Maleria Mexica was consumed.

unjustry to deserve to the temb of the Cuspites. Of late, however, it appears to be recovering its look reputation and does good by the combined operation of its Directe and expectation to the Directe and expectation to the Directe

The powers of Claterium in Hoe, arothorax, the name given to the juice of the plant because is Agressis by Dieser-was has once more been venived by Foreign of Monabettee.

beth Diz 0

As the secure of a denies of blearical experiments indicated by him, the following Combination he separts as the send settle and expensions desirates in Hydrotheras.

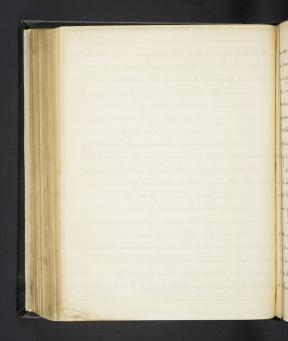
Of Elaterium, 915/.
Sp. ather. retros. Zij.
Tinot. Scile.

Saymel colchie aa 3 fs. St. Solut.

The arrachm of which is to be given every two or those hours-The illustrious Designor of the Bracies, Ar. Chapman had been the following mixture title more effectives.

R. Jambog - gniv.
Elacio. - of.
Spt. nec. duce. giv.
ag. font. - 41v. m.

in take spoonfuce of which is to be given every two hours. When these articles face in producing an increase a flow favin other articles of this bolass must be used. I want to the articles of the bould in a Soluble consistion



1/16.

we not applicable in this form of Doplay; they do hot have promote absorption, and are apt to inexast delicity, while the aggina and other differency symptoms are agreement at their that are inautions of the illi-nectory Comme in affections of the Presentance Organisare injurious.

Emetres are also deemed inapplication in this species of Dropley - the ley some are considered execute in Mauria

ting dosed.

Such an the semerics and the order, in which they we to be used in Hydrotheray. If after their use for a high-wat time they fail in brown along the water, the operation of Paracenteses may be previous to.

This preams of evacuating the water is of Auction dite as the days of Auguranates, and it is he performed by making an incision about two inches long between the start and becaute richs, equi determination the office and stevenen. The incision is to be bracke with a common deeper through the integrands and an incision smaller per through the integrands and an incision smaller

lath they salu ma 44 in 1 Her u 4世 1 12 than the external one is to be made through the intercestat miseless which exposed the pleura certaits, and a pluste percture through it will give peaps to the water, A depending pattern is neederly to give free view to the water, the water that water that water the water that water t

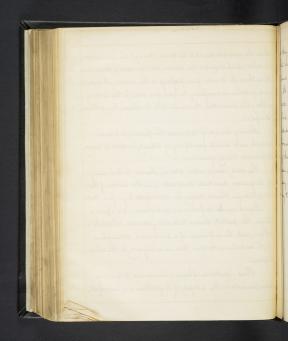
During the use of Winoties the frateent is to avaic warmthy and drink plentifully of clithens arishes in arrange

to fromote their operation . -

The sied except when atomic, should be leve easily of digretion, and these matricates, and the motion of the disphragm should been because the interrupters by a fuce much

Should be be fortunate as to person the effective than the patients showed take daily exercise, which to with out the influence of a falluliness atmosphere little contribute to give tone and higgery to the whole lighten.

Thus Gentlemen of have enciousured to arrange bou semarks on the subject of it yet others a imperfect



19th.

as they are I kee mit them to your communication, and hope that may inability to Jay any think from experience each please Jonnething in their excess.

It have remains for me Gentlemen (there I be for the water as to find my examination med your approbation) to his an a deser. To you the illustrieur Professor of Medicine in the University of Denseylvania, and in peoformance of this deem it my duty to present to them without for the Many important lepons resembly that many important lepons resembly that they way long continue to be an honour to the science which way long continue to be an honour to the science which they teach, and a blefting to all Mankind.

